

# Flight Experience and Aircrew Factor Mishap Rates

**The following charts and notes display relationships between pilots' flight experience and aircrew factor mishap rates.**

**Flight experience is measured in:**

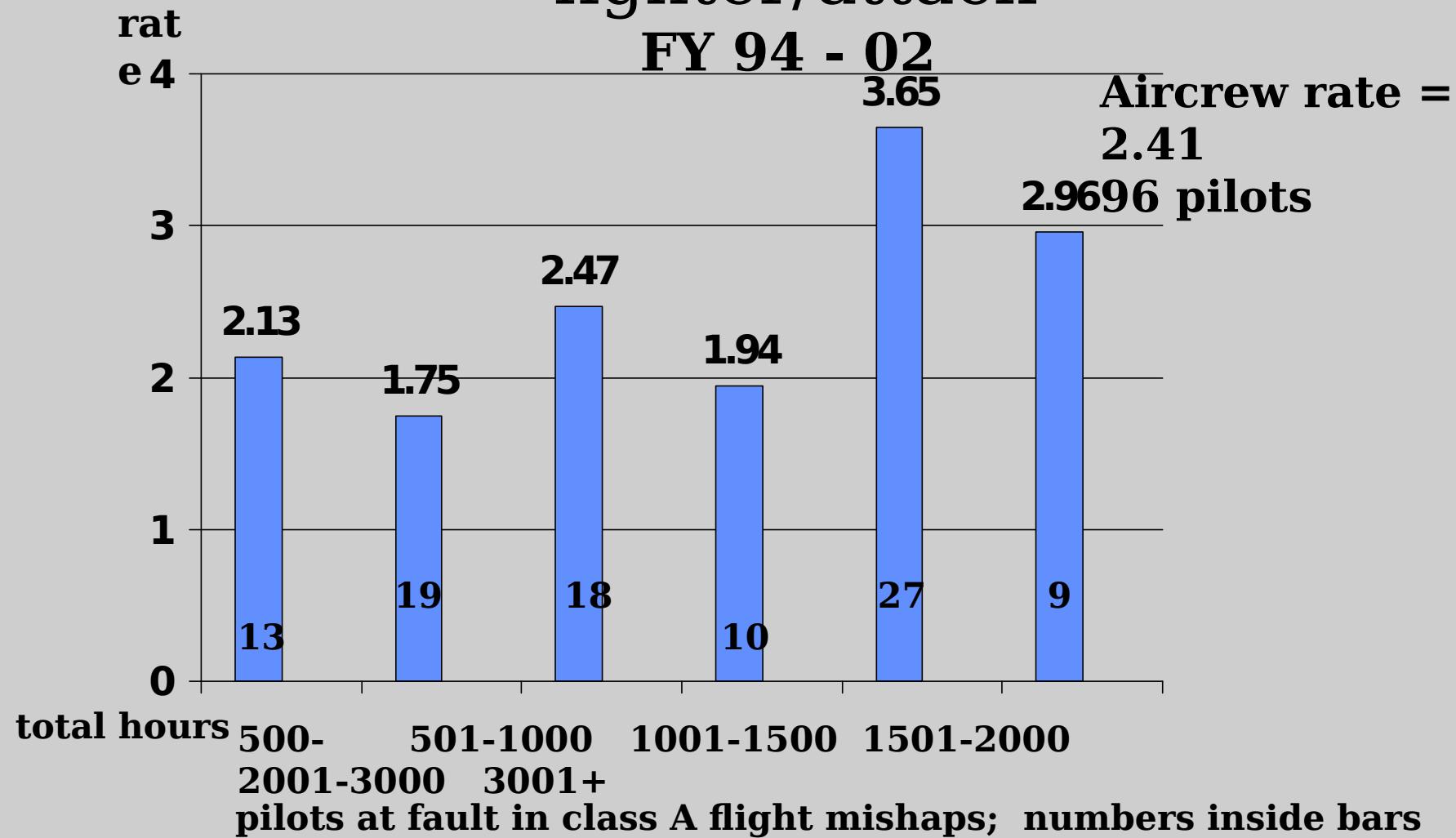
**total lifetime hours  
model lifetime hours**

**The rate for a given experience level is equal to the number of aircrew factor mishaps for which the pilot has that experience level per 100,000 hours flown at that experience level.**

# total lifetime hours vs aircREW factor mishap rates fighter/attack

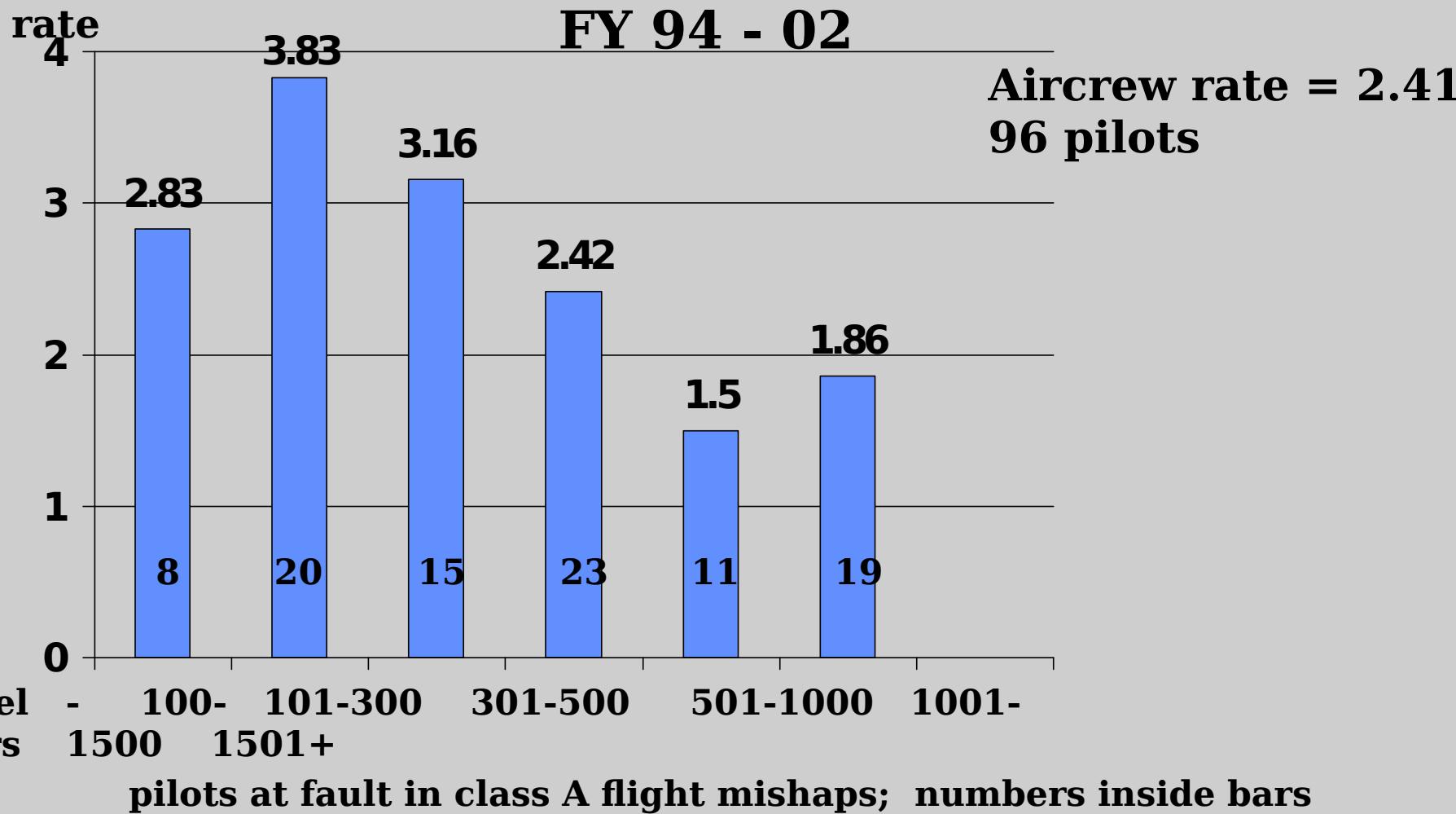
FY 94 - 02

AircREW rate =  
2.41  
2.9696 pilots



# model lifetime hours vs aircrew factor mishap rates fighter/attack

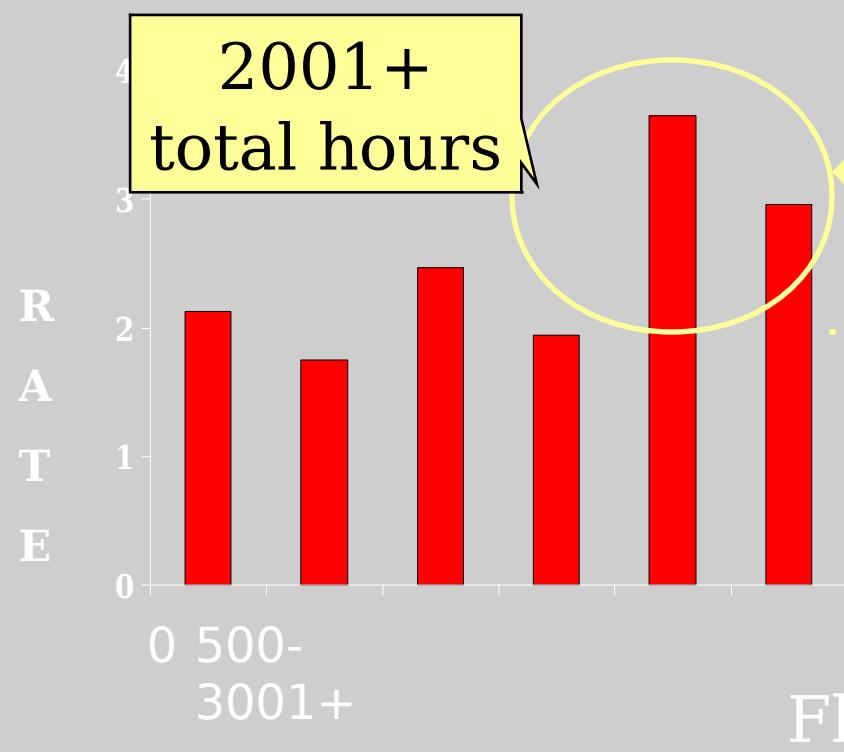
FY 94 - 02



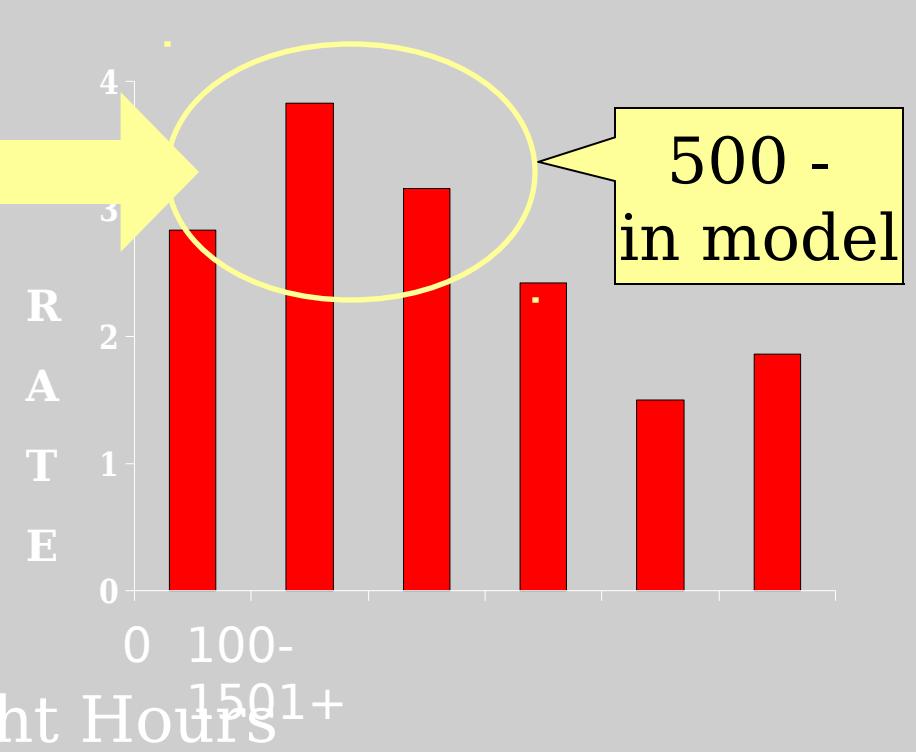
# Total & Model FLT hours vs aircrew factor mishap rates (fighter/attack)

FY 94 - 02 (96 Pilots)

Total FLT hours



Model FLT hours



2001+  
total hours

500 -  
in model

# *Navy/Marine Fighter/Attack*

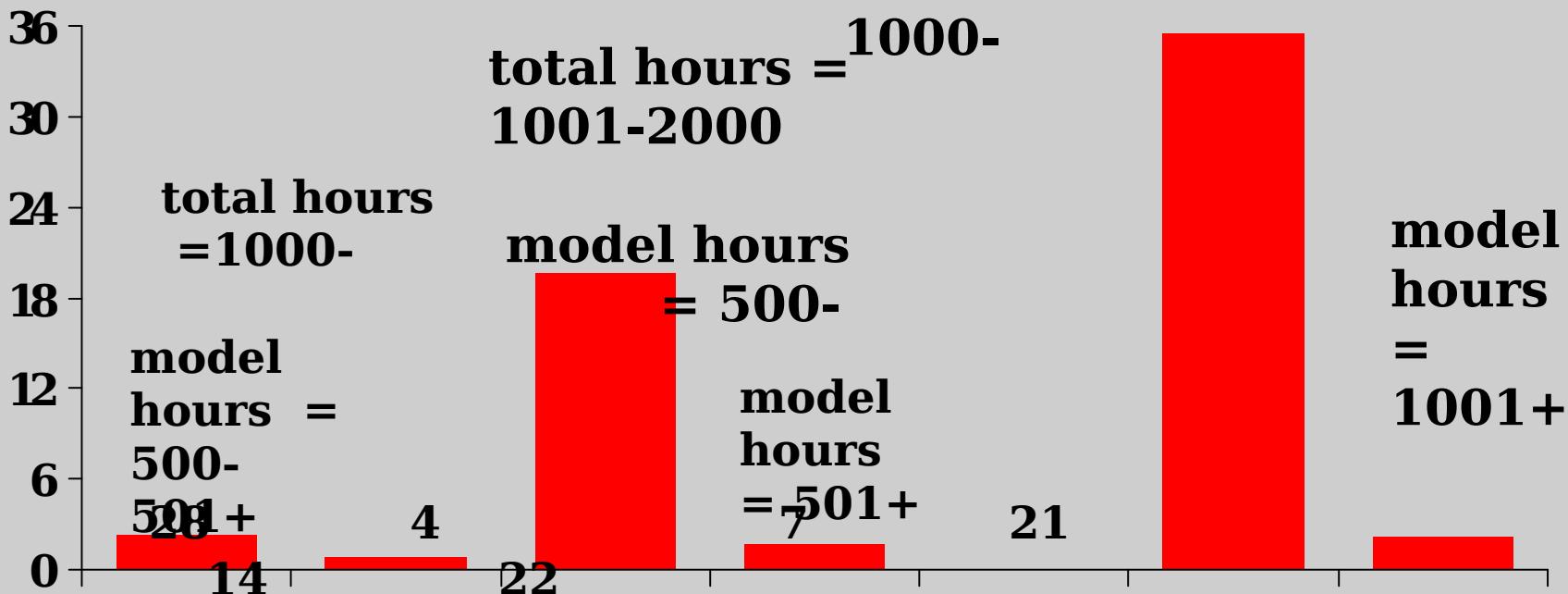
## *High Risk Pilots*

Aircrew  
error rate  
 $= 2.41$   
~~FY94~~ ~~902~~ pilots  
total hours

$= 2001+$

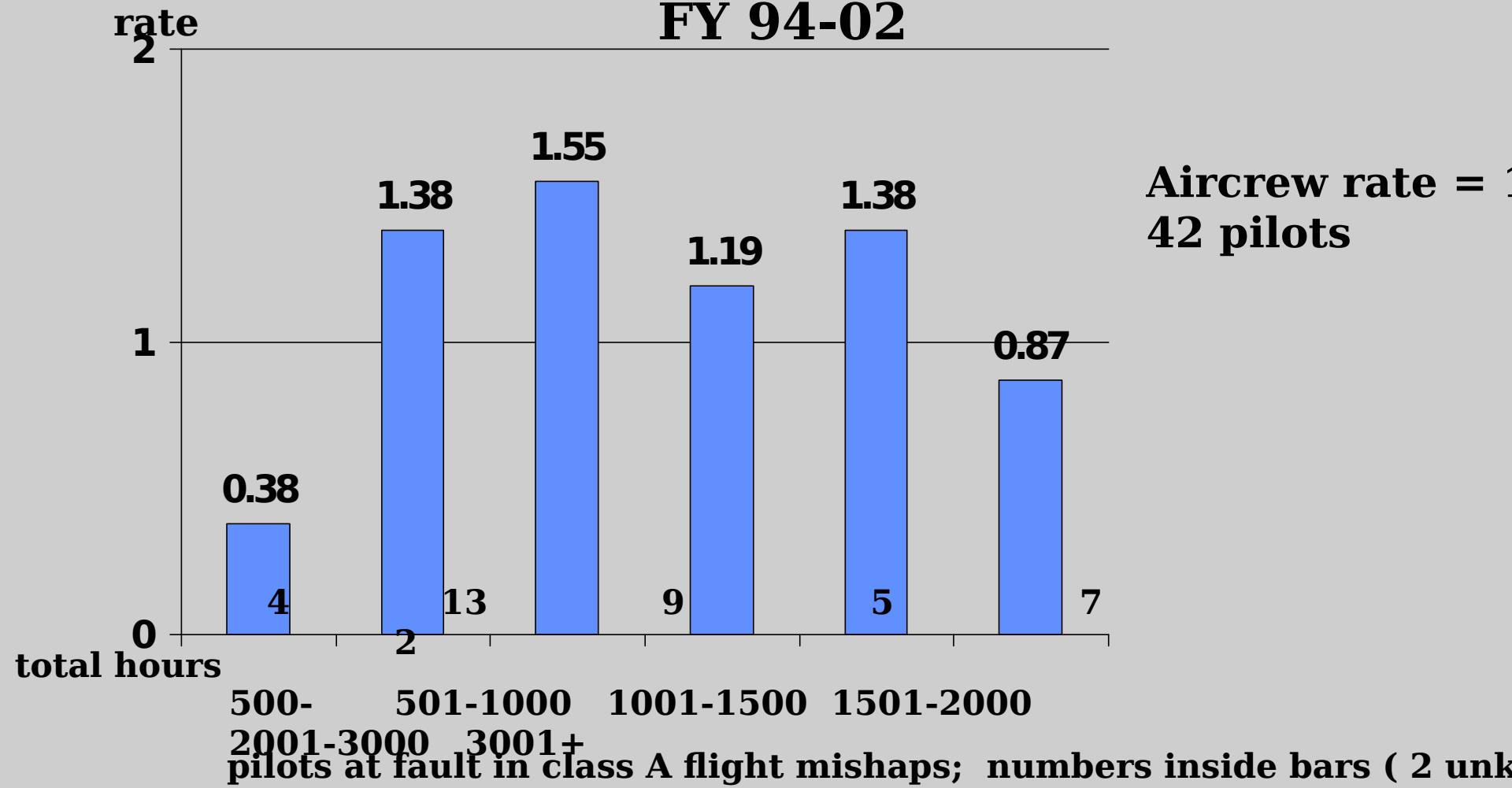
rate

model  
hours =

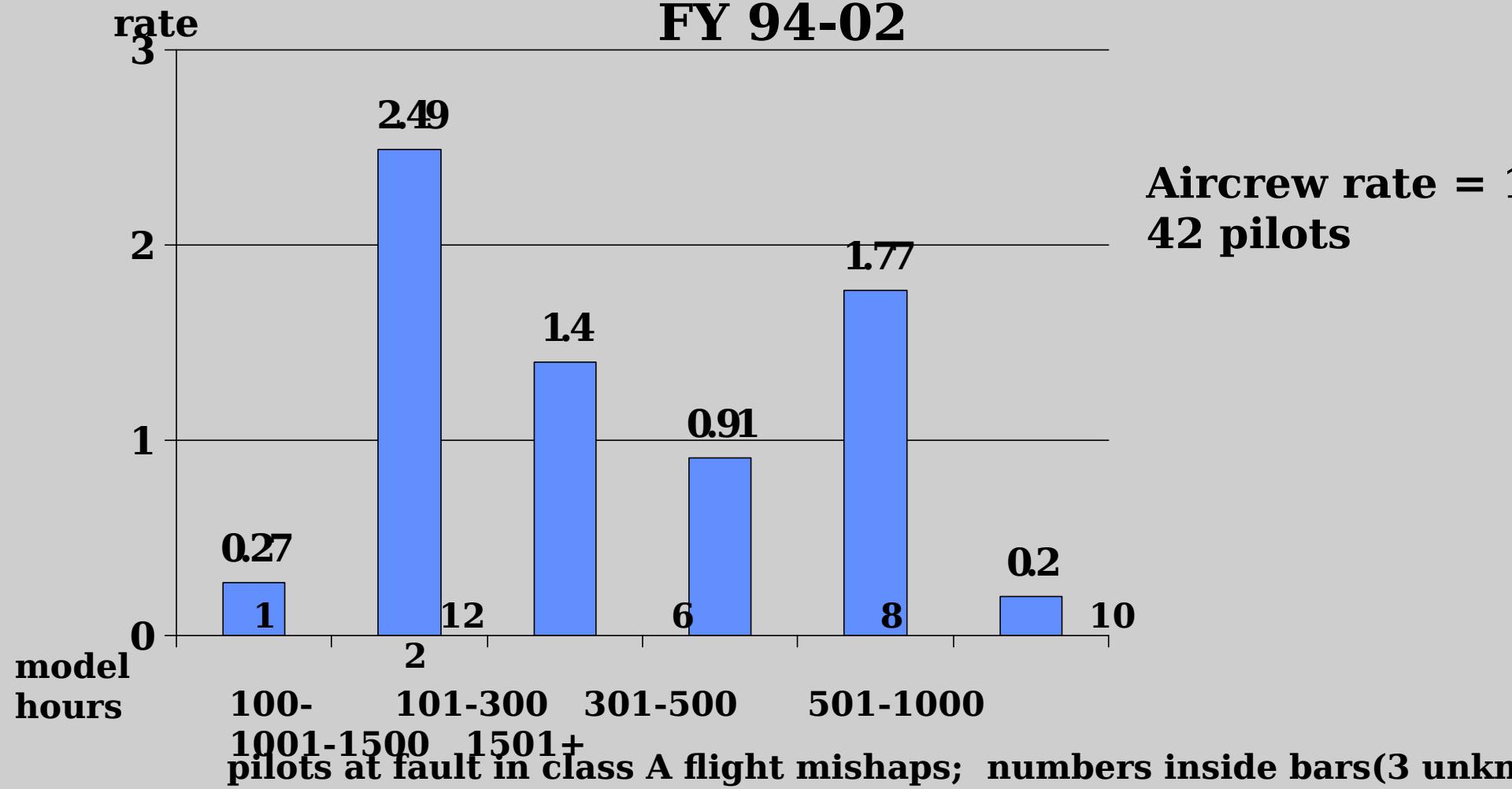


Rate is per 100,000 flight hours; numbers inside bars represent number of pilots at fault in class A flight mishaps

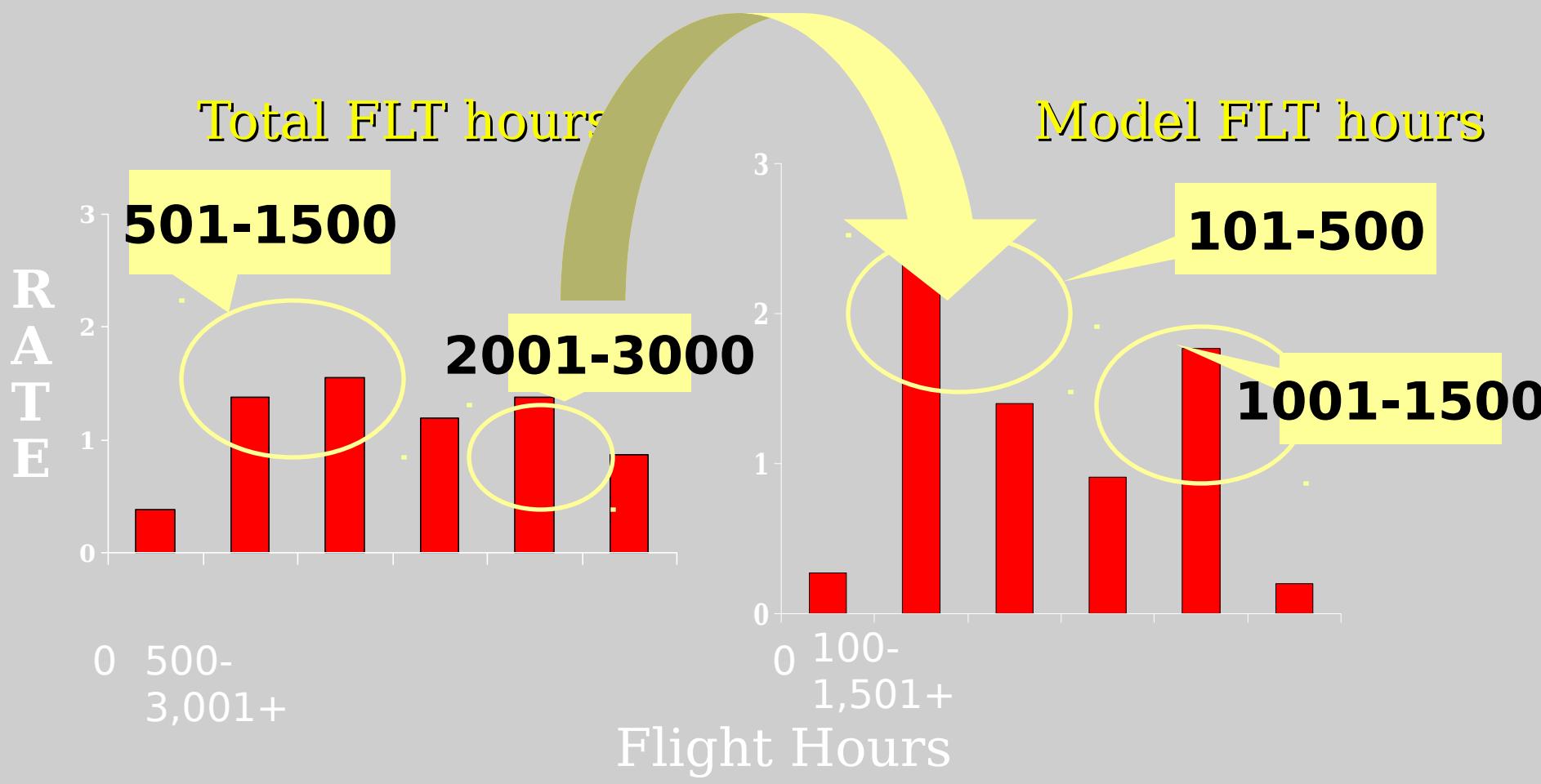
# total lifetime hours vs aircrew factor mishap rates helicopter **FY 94-02**



# model lifetime hours vs aircrew factor mishap rates helicopter **FY 94-02**



# Total & Model FLT hours vs aircrew factor mishap rates (helicopter) FY 94-02 (42 Pilots)



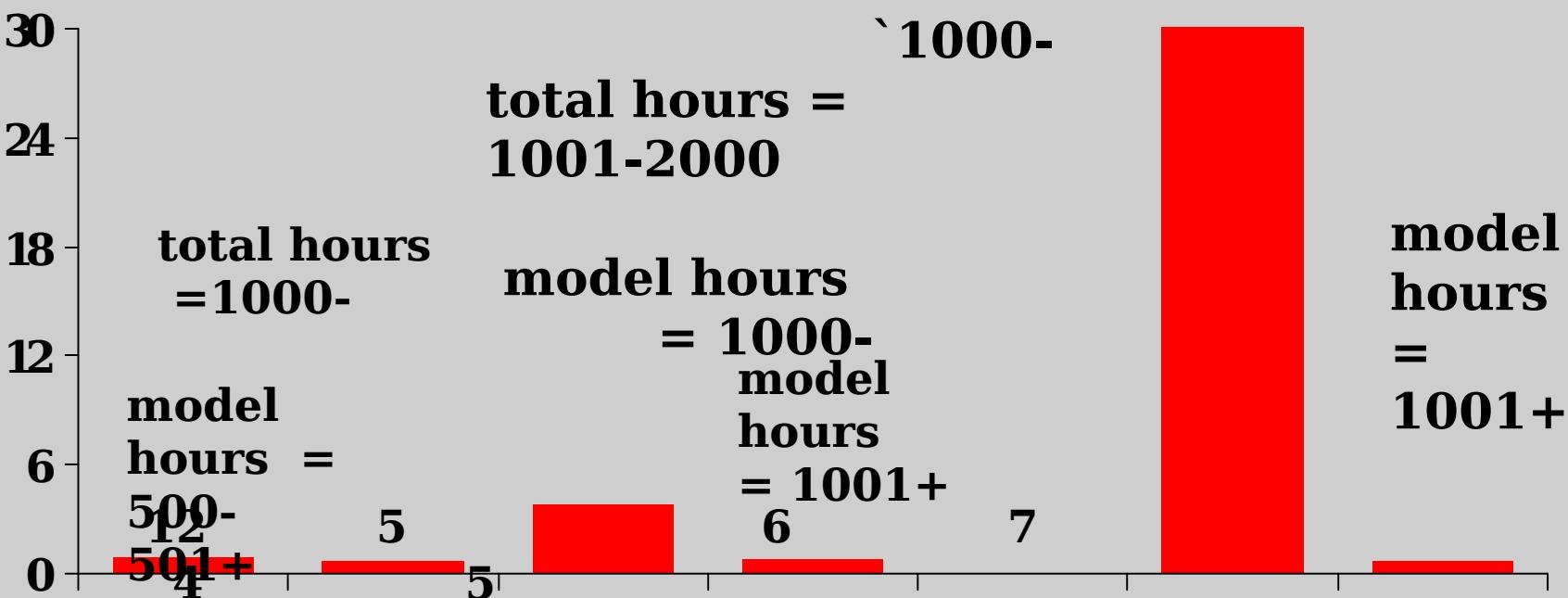
# *Navy/Marine Helicopter*

## *High Risk Pilots*

Aircrew  
error rate  
 $= 1.12$   
~~FY94~~ ~~42~~ pilots  
total hours

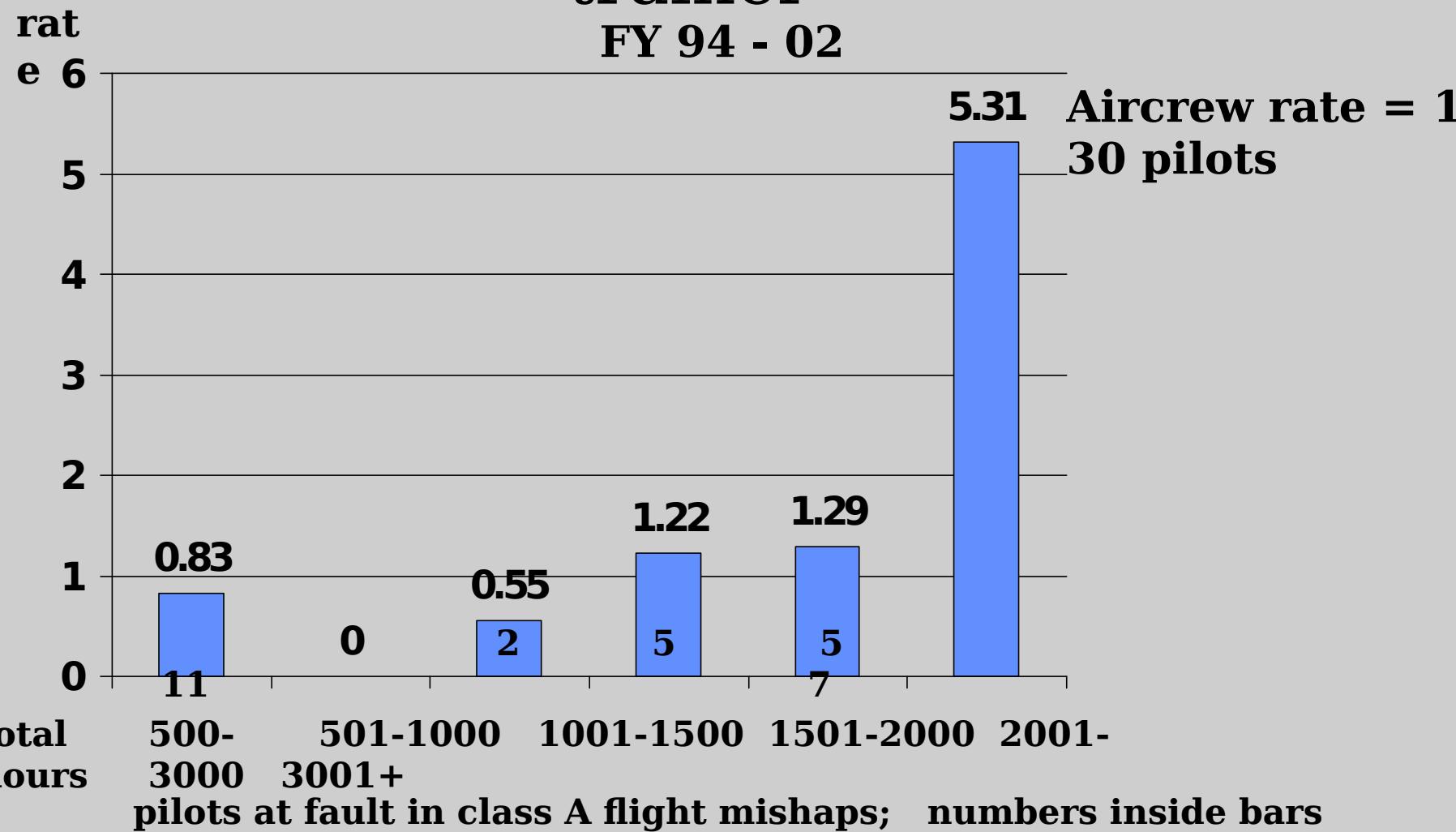
$= 2001+$

rate

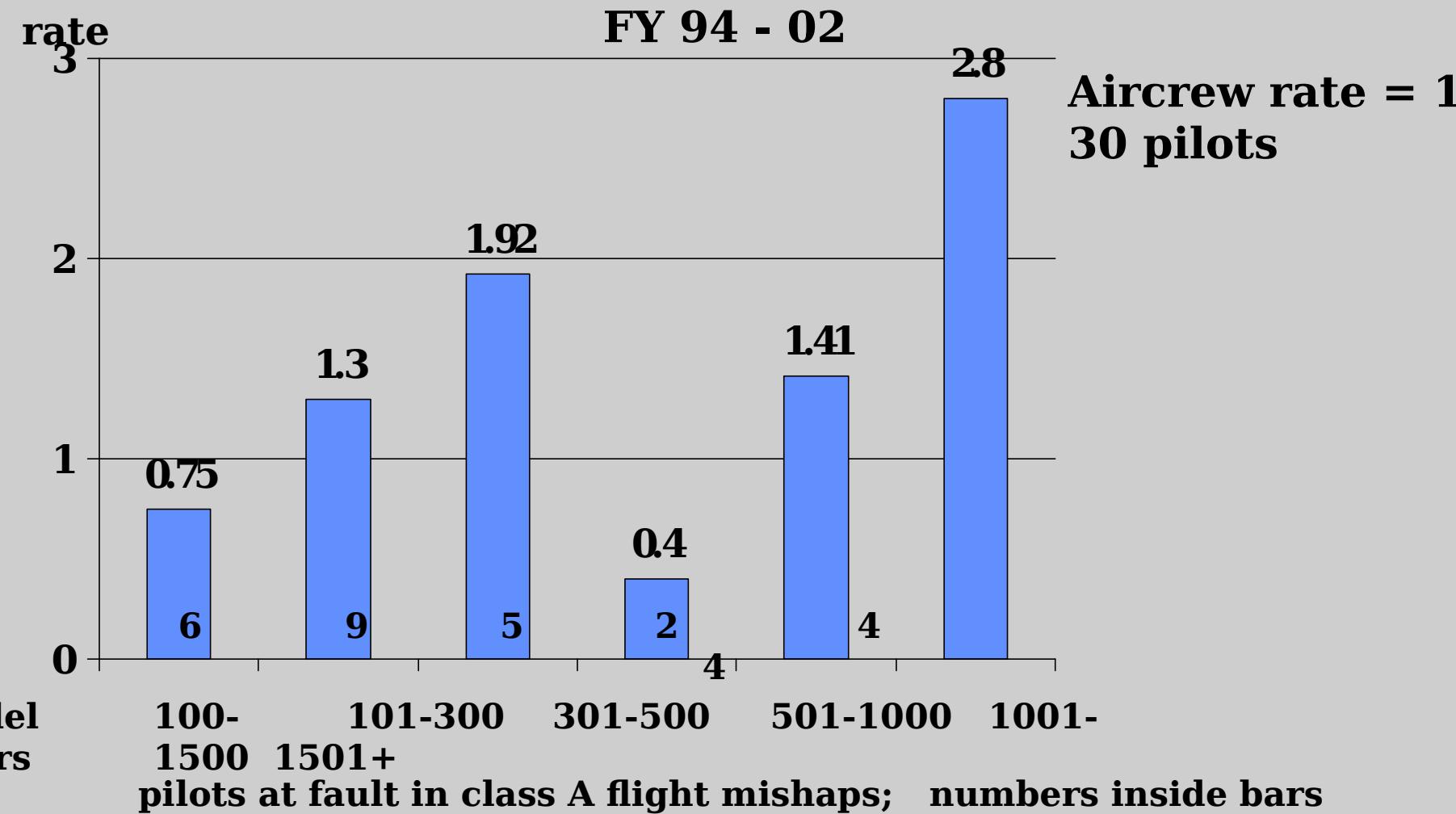


Rate is per 100,000 flight hours; numbers inside bars represent number of pilots at fault in class A flight mishaps ( 3 unknown total x model

# total lifetime hours vs aircrew factor mishap rates trainer FY 94 - 02



# model lifetime hours vs aircrew factor mishap rates trainer



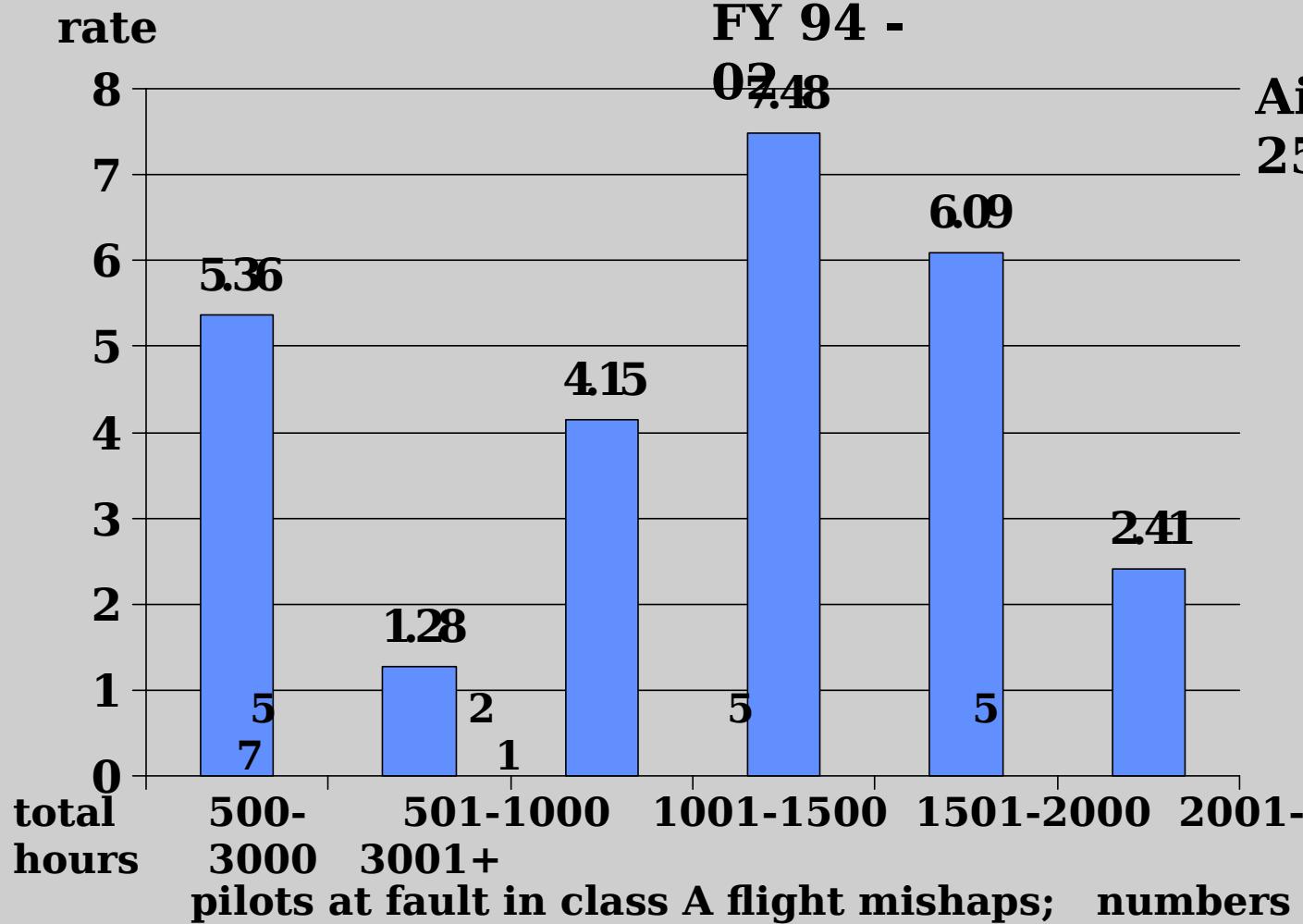
# total lifetime hours vs aircrew factor mishap rates

F - 14

FY 94 -

**0.248**

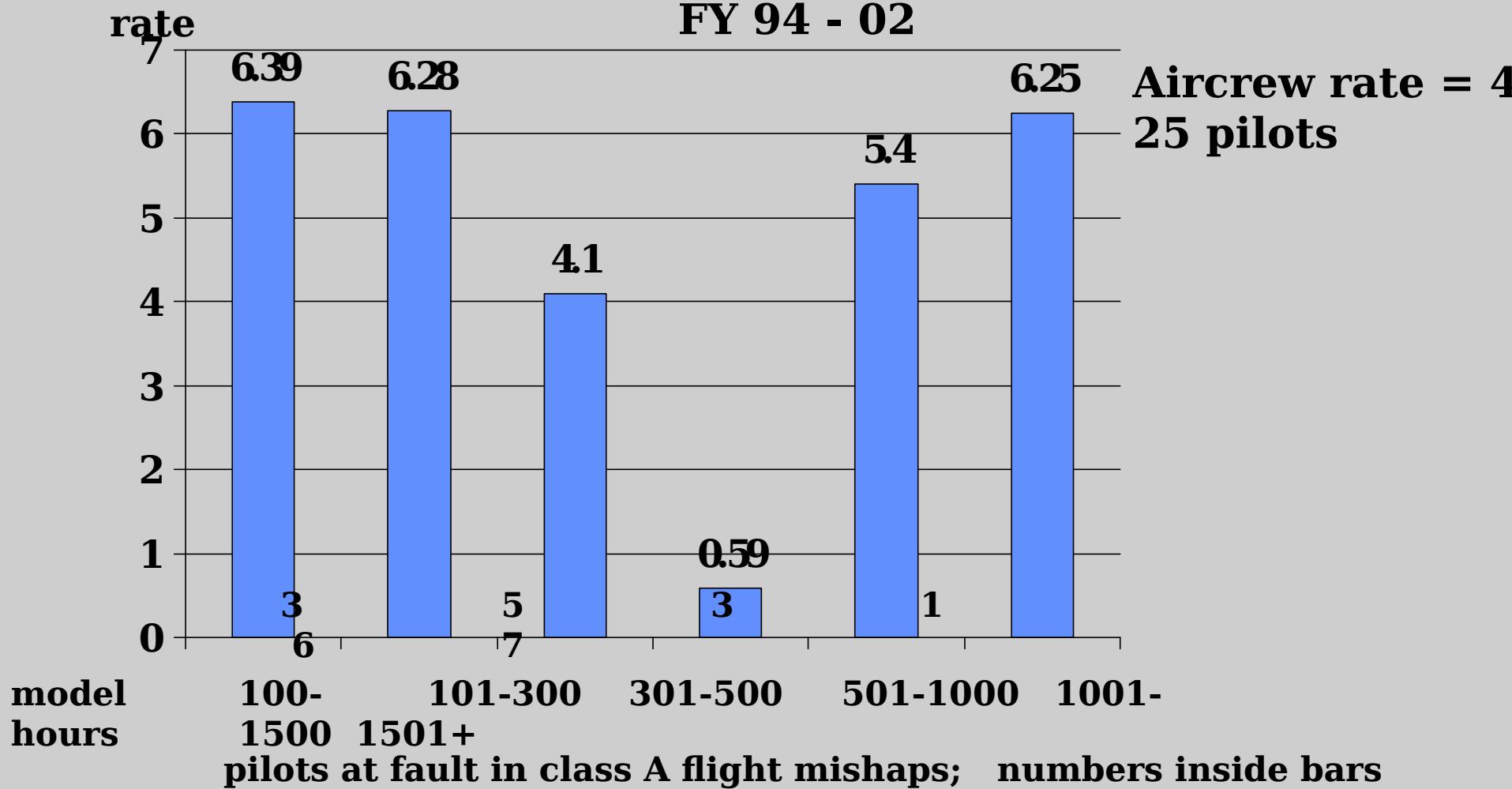
**Aircrew rate = 4  
25 pilots**



# model lifetime hours vs aircrew factor mishap rates

F - 14

FY 94 - 02

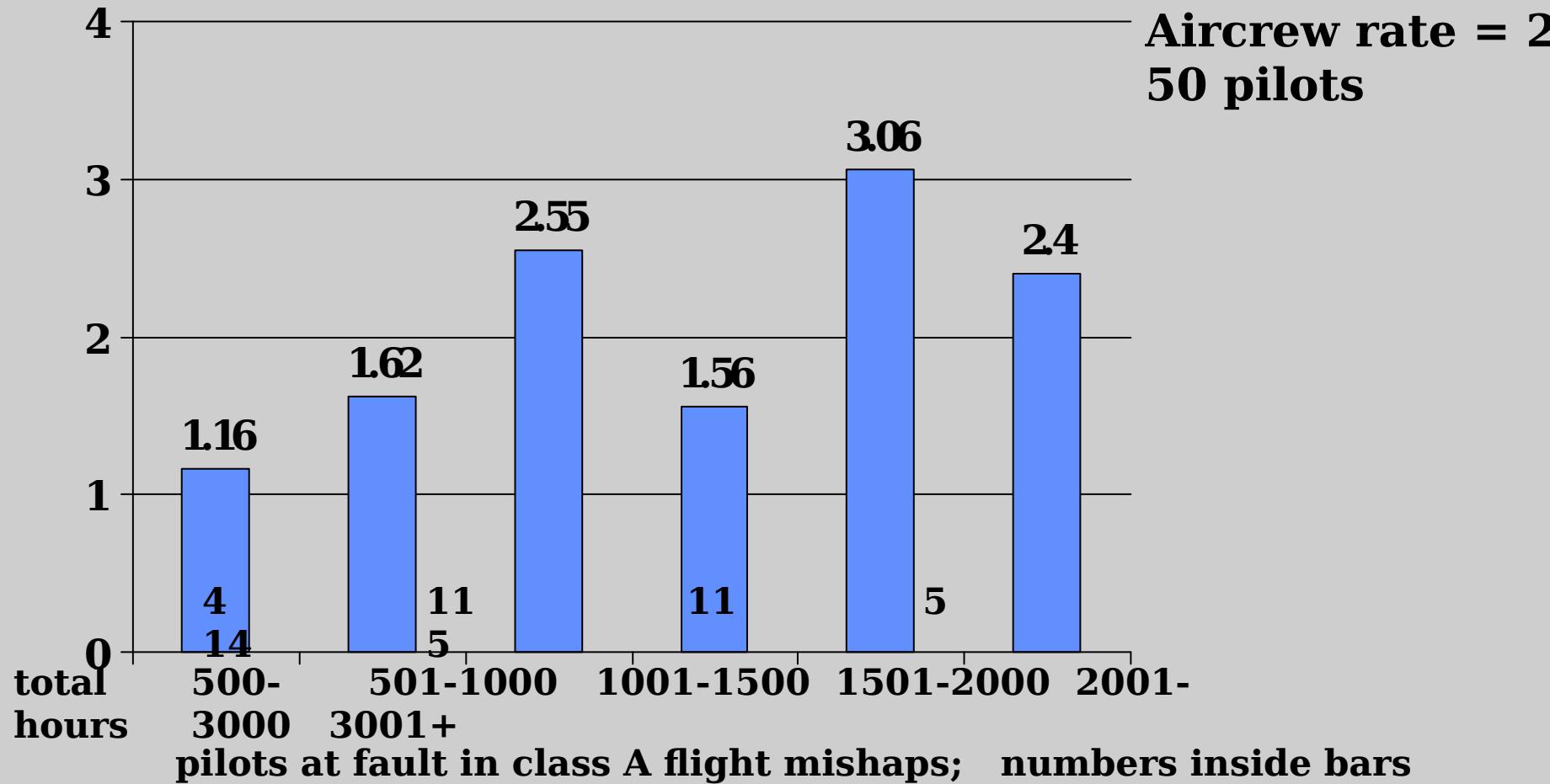


# total lifetime hours vs aircrew factor mishap rates

F/A - 18

FY 94 - 02

rate



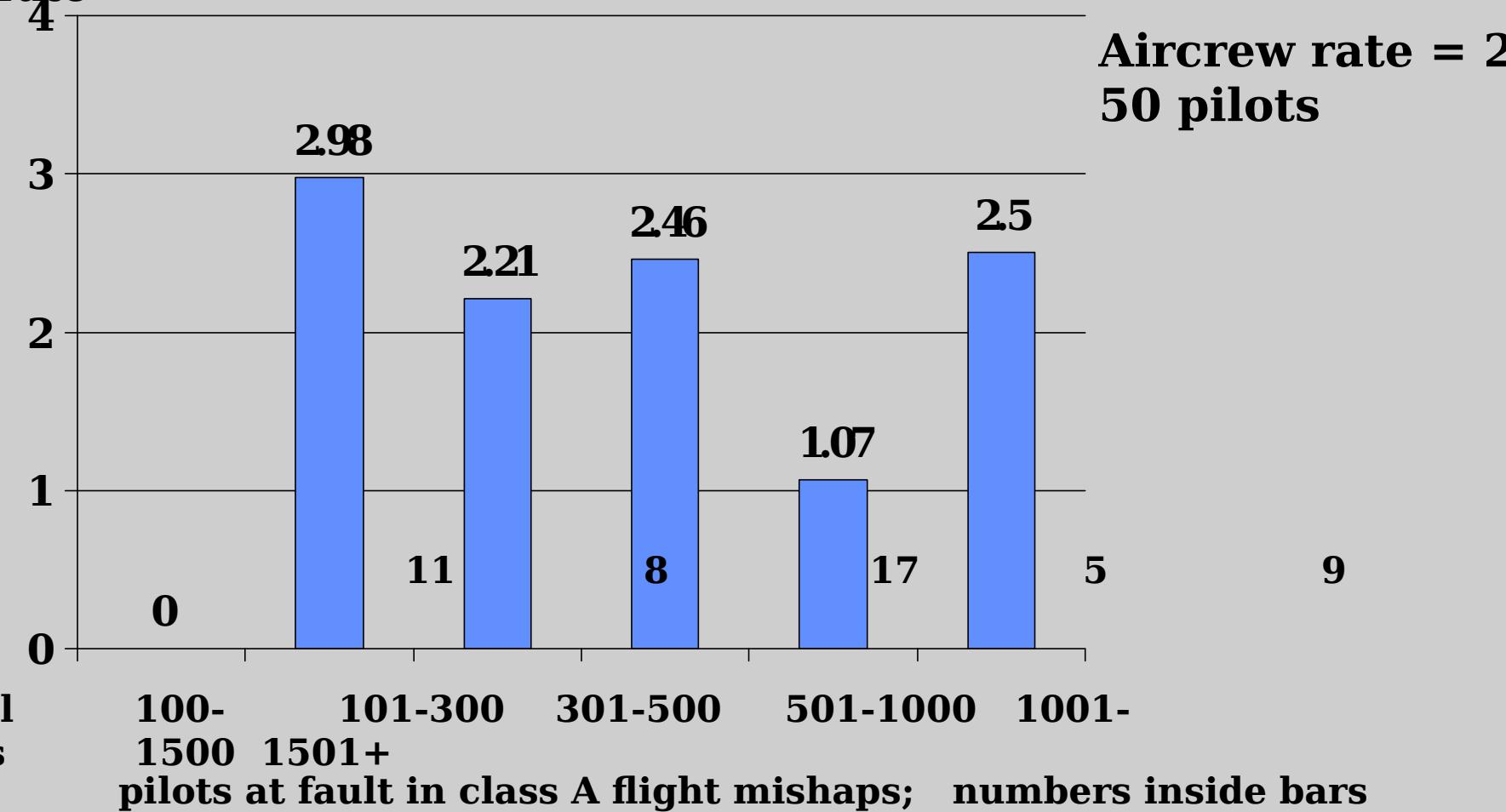
# model lifetime hours vs aircrew factor mishap rates

F/A - 18

FY 94 -02

rate

Aircrew rate = 2  
50 pilots

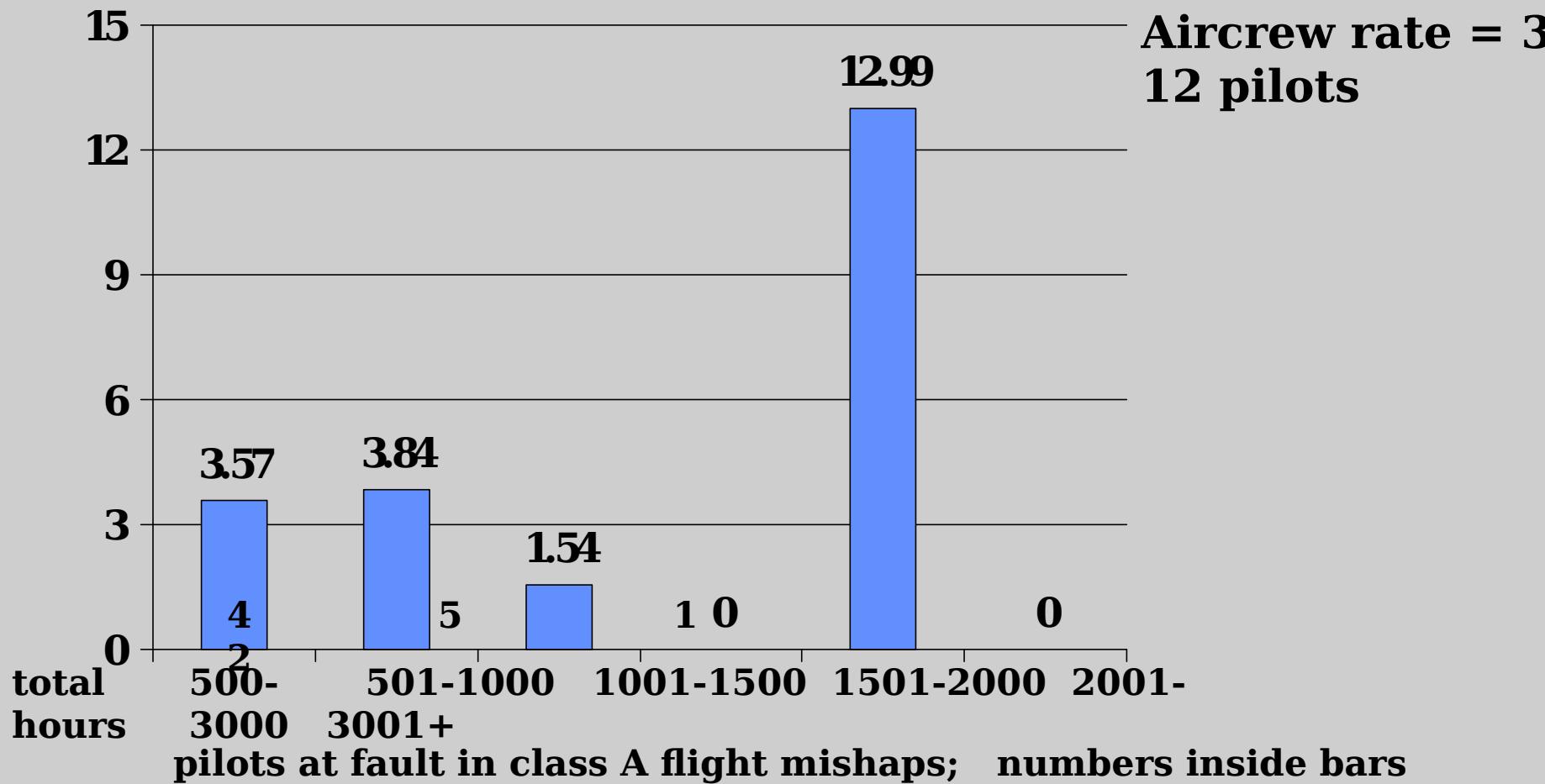


# total lifetime hours vs aircrew factor mishap rates

AV - 8

FY 94 - 02

rate



# model lifetime hours vs aircrew factor mishap rates

AV - 8

FY 94 - 02

rate

7

5.98

4.91

3.45

2.08

6.42

Aircrew rate = 3  
12 pilots

6

5

4

3

2

1

0

3

3

1

3

02

model  
hours

100-  
1500

101-300  
1501+

301-500

501-1000

1001-

pilots at fault in class A flight mishaps; numbers inside bars